

Peter Bedner

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,168
citations

623734

14
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1587
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Cellular Assay for the Identification and Characterization of Connexin Gap Junction Modulators. International Journal of Molecular Sciences, 2021, 22, 1417. | 4.1 | 7 |
| 2 | Initiation of Experimental Temporal Lobe Epilepsy by Early Astrocyte Uncoupling Is Independent of TGF β 2R1/ALK5 Signaling. Frontiers in Neurology, 2021, 12, 660591. | 2.4 | 9 |
| 3 | Cell death of hippocampal CA1 astrocytes during early epileptogenesis. Epilepsia, 2021, 62, 1569-1583. | 5.1 | 15 |
| 4 | Response: Astrocytes as alternative targets for more efficient antiepileptogenic drugs. Epilepsia, 2021, 62, 2299-2300. | 5.1 | 0 |
| 5 | Properties of human astrocytes and NG2 glia. Glia, 2020, 68, 756-767. | 4.9 | 46 |
| 6 | Astrocytic GABA Accumulation in Experimental Temporal Lobe Epilepsy. Frontiers in Neurology, 2020, 11, 614923. | 2.4 | 21 |
| 7 | Lipoprotein receptor loss in forebrain radial glia results in neurological deficits and severe seizures. Glia, 2020, 68, 2517-2549. | 4.9 | 7 |
| 8 | Constitutive deletion of astrocytic connexins aggravates kainate-induced epilepsy. Glia, 2020, 68, 2136-2147. | 4.9 | 26 |
| 9 | TNF α -Driven Astrocyte Purinergic Signaling during Epileptogenesis. Trends in Molecular Medicine, 2019, 25, 70-72. | 6.7 | 15 |
| 10 | Plaque-dependent morphological and electrophysiological heterogeneity of microglia in an Alzheimer's disease mouse model. Glia, 2018, 66, 1464-1480. | 4.9 | 79 |
| 11 | Connexin43, but not connexin30, contributes to adult neurogenesis in the dentate gyrus. Brain Research Bulletin, 2018, 136, 91-100. | 3.0 | 12 |
| 12 | Subcellular reorganization and altered phosphorylation of the astrocytic gap junction protein connexin43 in human and experimental temporal lobe epilepsy. Glia, 2017, 65, 1809-1820. | 4.9 | 67 |
| 13 | Experimental febrile seizures impair interastrocytic gap junction coupling in juvenile mice. Journal of Neuroscience Research, 2016, 94, 804-813. | 2.9 | 30 |
| 14 | Neuron-glia interaction in epilepsy. Journal of Neuroscience Research, 2016, 94, 779-780. | 2.9 | 5 |
| 15 | Crucial Role for Astrocytes in Epilepsy. Colloquium Series on Neuroglia in Biology and Medicine From Physiology To Disease, 2015, 2, 1-89. | 0.5 | 1 |
| 16 | Augmentation of Ca ²⁺ signaling in astrocytic endfeet in the latent phase of temporal lobe epilepsy. Frontiers in Cellular Neuroscience, 2015, 9, 49. | 3.7 | 18 |
| 17 | Characterization of Panglial Gap Junction Networks in the Thalamus, Neocortex, and Hippocampus Reveals a Unique Population of Glial Cells. Cerebral Cortex, 2015, 25, 3420-3433. | 2.9 | 108 |
| 18 | Astrocyte uncoupling as a cause of human temporal lobe epilepsy. Brain, 2015, 138, 1208-1222. | 7.6 | 257 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Crucial Role for Astrocytes in Epilepsy. , 2014, , 155-186. | | 1 |
| 20 | Altered Kir and gap junction channels in temporal lobe epilepsy. Neurochemistry International, 2013, 63, 682-687. | 3.8 | 46 |
| 21 | Germ-Line Recombination Activity of the Widely Used hGFAP-Cre and Nestin-Cre Transgenes. PLoS ONE, 2013, 8, e82818. | 2.5 | 30 |
| 22 | Astrocyte dysfunction in temporal lobe epilepsy: K ⁺ channels and gap junction coupling. Glia, 2012, 60, 1192-1202. | 4.9 | 168 |
| 23 | Role of astroglial connexin30 in hippocampal gap junction coupling. Glia, 2011, 59, 511-519. | 4.9 | 73 |
| 24 | Connexin expression by radial glia-like cells is required for neurogenesis in the adult dentate gyrus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11336-11341. | 7.1 | 127 |